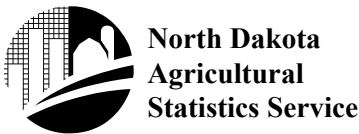


NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Released: July 19, 2004
For Week Ending: July 18, 2004
ND-CW2904

Cooperating With:
NDSU EXTENSION SERVICE,
FARM SERVICE AGENCY,
ND AG WEATHER NETWORK (NDAWN) and
UND AEROSPACE REGIONAL WEATHER
INFORMATION CENTER

General: Above average temperatures with scattered rains advanced crop development last week, according to the North Dakota Agricultural Statistics Service. Temperatures in the high 80s to 100 degree range promoted crop development over the previous week. Crop progress for small grains was near the five-year average (1999-2003) in most categories, but late season crops, except potatoes, remained well behind last year and the average. Statewide average days suitable for fieldwork last week were 6.0. Spraying continued last week for scab. Some second crop hay was cut last week.

Both topsoil and subsoil moisture ratings were lower than the previous week. Topsoil moisture supplies were rated 10 percent very short, 12 short, 68 adequate and 10 surplus compared to the five-year average of 5 percent very short, 15 short, 70 adequate and 10 surplus.

Crops: Many fields of small grains turned color last week as August harvest approaches. Spring wheat turning and beyond was rated 10 percent complete compared to the average of 16 percent. Turning and beyond ratings for oats and barley were 13 and 12 percent complete compared to the average of 15 and 19 percent, respectively. Durum wheat turning and beyond, at 4 percent, was only 1 percentage point behind the average. Milk and beyond ratings for spring wheat, barley, and oats were all behind last year and the average. Spring and durum wheat were rated 47 and 23 percent milk and beyond, compared to the average of 50 and 23 percent, respectively.

Corn, soybean and dry edible bean progress remained well behind the average. Corn was rated 1 percent silking and beyond compared to 23 percent on average. Soybeans and dry edible beans were rated 31 and 14 percent blooming, both compared to 48 percent on average. The turning and beyond rating for canola was 5 percent compared to the average of 12 percent.

Small grain conditions remained below average. Spring wheat condition was rated 67 percent good to excellent compared to the average of 68 percent good to excellent. Durum wheat condition ratings were 58 percent good to excellent compared to the average of 67 percent good to excellent. However, warmer weather last week improved corn, soybean, dry edible bean, potato and sugarbeet conditions from the previous week. Corn condition was rated 63 percent good to excellent, but down compared to the average of 72 percent. Soybean condition was rated 64 percent good to excellent, but below the average of 67 percent.

Livestock: Dry conditions in the southwestern area of the state still pressured hay and forage development with reported concerns about second cutting regrowth. First cutting alfalfa was 92 percent complete compared to 95 percent complete last year. Other hay baling was 58 percent complete. The hay crop condition was rated 34 percent good to excellent compared to 65 percent last year. Pasture and range condition declined in most areas of the state with 39 percent of pastures and ranges rated good to excellent compared to last year's 62 percent. Stockwater supplies were rated 76 percent adequate to surplus compared to 87 percent last year.

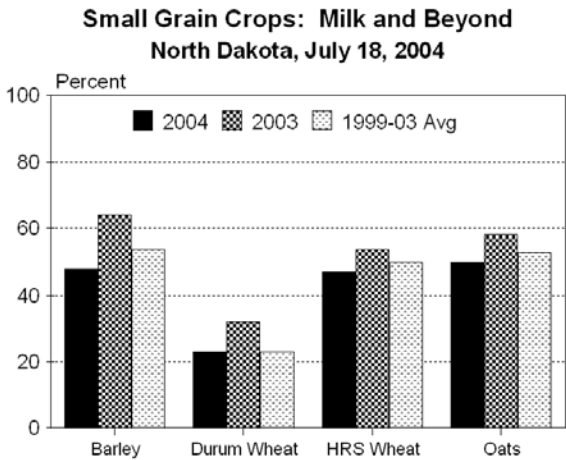
Small Grain Development Progress ^{1/} July 18, 2004 with Comparisons				
Crop	This Week	Last Week	Last Year	1999-03 Avg.
(Percent)				
BARLEY				
Boot	95	85	97	93
Headed	85	68	89	82
Milk	48	19	64	54
Turning	12	NA	30	19
DURUM WHEAT				
Jointed	93	79	96	95
Boot	81	57	84	78
Headed	57	36	65	59
Milk	23	6	32	23
Turning	4	NA	9	5
HRS WHEAT				
Boot	94	84	95	92
Headed	82	68	85	83
Milk	47	21	54	50
Turning	10	NA	20	16
OATS				
Boot	96	88	96	93
Headed	84	70	88	82
Milk	50	25	58	53
Turning	13	NA	22	15

^{1/} Crop development percents represent all acreage in or beyond each stage. NA = Not Available

Late Season Crop Development Progress ^{1/} July 18, 2004 with Comparisons				
Crop	This Week	Last Week	Last Year	1999-03 Avg.
(Percent)				
CANOLA				
Rosette	98	94	100	100
Blooming	90	75	96	95
Turning	5	1	14	12
CORN				
Silking	1	0	21	23
DRY EDIBLE BEANS				
Blooming	14	4	45	48
FLAXSEED				
Blooming	68	41	80	73
Turning	1	NA	4	3
POTATOES				
Blooming	75	38	72	71
Rows Filled	27	NA	49	58
SOYBEANS				
Blooming	31	7	50	48
Podding	1	0	8	11
SUNFLOWER				
Blooming	0	0	2	2

^{1/} Crop development percents represent all acreage in or beyond each stage. NA = Not Available

Crop and Pasture Condition Week Ending July 18, 2004					
Crop	Very Poor	Poor	Fair	Good	Excellent
(Percent)					
Barley	2	6	22	56	14
Durum Wheat	4	9	29	56	2
HR Spring Wheat	3	8	22	48	19
Oats	6	10	33	44	7
Canola	2	6	35	43	14
Corn, All	2	6	29	53	10
Dry Edible Beans	2	6	40	46	6
Flaxseed	2	5	36	51	6
Potatoes	1	5	32	52	10
Soybeans	1	4	31	57	7
Sugarbeets	2	5	26	54	13
Sunflower	2	8	37	48	5
Hay	18	16	32	30	4
Pasture and Range	16	19	26	34	5



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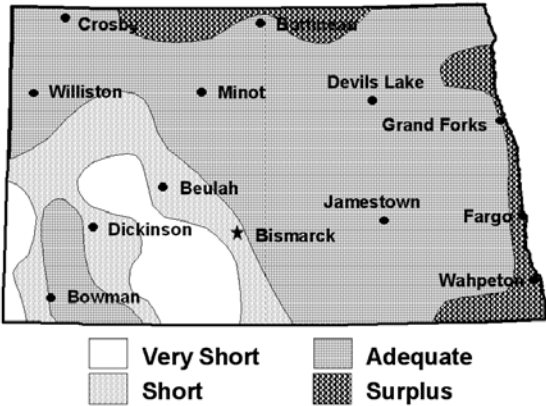
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NORTH DAKOTA CROP WEATHER REPORT, Week Ending July 18, 2004

Soil Moisture: North Dakota, July 18, 2004

Date	Very Short	Short	Adequate	Surplus
(Percent)				
TOPSOIL				
This Week	10	12	68	10
Last Week	4	11	70	15
Last Year	5	19	65	11
1999-03 Avg	5	15	70	10
SUBSOIL				
This Week	13	16	59	12
Last Week	13	15	55	17
Last Year	6	17	66	11
1999-03 Avg	6	14	69	11

Topsoil Moisture Supplies
July 18, 2004



Weather: Temperatures were well above average for this week. Many areas saw temperatures reach the upper 90s with a few 100s in the western part of the state. Much of the state is still in a rainfall deficit. Not much precipitation fell throughout the week. Harvey was the only area to receive more than 1.00 inch of rainfall.

Outlook, July 19-25: Relatively warm weather is on tap for the upcoming week. Daytime highs will extend into the upper 80s with some 90s mid-to-late week. Expect overnight lows in the 60s and 70s. The best chance for precipitation this week stems in the first few days with the remainder of the week looking dry.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending July 18, 2004

District Averages	Average Temperature		Seasonal Precipitation Beginning April 1		
	Past Week	Depart Normal ^{1/}	Past Week	Total	Depart Normal ^{1/}
(Degrees F) (Inches)					
Northwest (1)	73	4	0.58	7.80	-0.25
N. Central (2)	71	2	0.80	9.76	0.96
Northeast (3)	69	0	0.41	8.09	-0.39
W. Central (4)	75	4	0.24	4.54	-4.51
Central (5)	73	2	0.49	10.08	0.95
E. Central (6)	72	0	0.54	9.27	0.07
Southwest (7)	76	6	0.22	4.20	-4.66
S. Central (8)	77	5	0.24	5.41	-3.03
Southeast (9)	73	1	0.16	9.93	0.51

^{1/} Normal is the 1961-90 average. NA = Not Available.
Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending July 18, 2004

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning April 1		
	High	Low	Past Week	Total	Depart Normal ^{1/}
(Degrees F) (Inches)					
(1) Bowbells	87	54	0.81	8.10	0.12
Williston	93	57	0.00	5.76	-1.31
Mohall	89	57	0.56	9.60	1.22
Minot	90	56	0.93	7.74	-1.03
(2) Baker	87	54	0.59	9.63	-0.39
Bottineau	88	53	0.93	9.90	1.24
Rugby	89	55	0.89	9.74	2.01
(3) Cando	90	52	0.45	7.91	-0.33
Cavalier	89	49	0.23	8.60	-0.21
Forest River	90	50	0.47	7.16	-1.52
Grand Forks	87	53	0.15	7.11	-1.14
Langdon	87	50	0.37	8.81	0.62
St. Thomas	87	50	0.76	8.93	0.25
(4) Hazen	99	51	0.20	3.56	-5.94
Turtle Lake	94	54	0.51	5.43	-3.87
Watford City	96	55	0.01	4.64	-3.70
(5) Carrington	92	51	0.25	9.04	0.12
Harvey	92	53	1.30	8.78	-0.11
Jamestown	92	56	0.17	13.26	4.35
Robinson	93	55	0.71	9.78	0.67
Streeter	94	55	0.02	9.56	-0.27
(6) Dazey	88	55	0.66	9.08	-0.43
Fargo	86	57	0.41	9.88	1.11
Hillsboro	88	56	0.54	8.86	-0.47
(7) Beach	98	54	0.58	3.70	-4.22
Bowman	101	51	0.29	4.92	-3.97
Dickinson	102	51	0.01	3.73	-5.41
Hettinger	101	50	0.00	4.45	-5.05
(8) Mandan	102	53	0.30	4.35	-3.65
Linton	98	55	0.17	6.47	-2.41
(9) Edgeley	91	54	0.11	9.16	-0.67
Oakes	89	55	0.11	9.01	-0.06
Wyndmere	90	58	0.26	11.62	2.25

^{1/} Normal is the 1961-90 average. NA=Not Available. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.